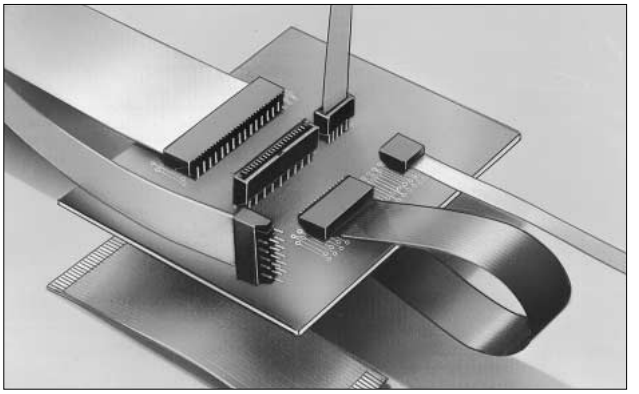
查询FH3-04S-1.25DS供应商

1.25mm Pitch FPC/FFC Connector

FH3 Series



■Features

1. 1.25mm FPC and FFC DIP Connector

The contact pitch is 1.25mm.

2. Contact Reliability

This connector has high contact reliability for high voltage contact.

3. Sixteen Types of Contact Numbers

This connector consists of 16 kinds of 6, 8, 9, 10, 12, 13, 14, 15, 15, 17, 18, 19, 20, 21, 22, 24, and 30 contacts.

■Applications

HDD, facsimiles, printers, VTR, etc.

■Product Specifications

Rating	Rated Current: 1A Rated Voltage: 200V AC	Operating Temperature Range:-40～+85℃ (Note 1) Operating Humidity Range:Relative humidity, 90% max. (Not dewed)	Storage Temperature Range:-10～+60℃ (Note 2) Storage Humidity Range:Relative humidity, 90% max. (Not dewed)

Applicable FPC	t=0.2～0.35 Tin plating

Item	Specification	Condition
1. Insulation Resistance	500MΩ min.	Measured at 500V DC
2. Withstand voltage	Neither short or breakdown should occur	500V AC for 1 minute
3. Contact Resistance	20mΩ max. ※ FPC conductor resistance included	Measured at 0.1A
4. Mechanical operation	Contact resistance: 40mΩ max. No part should be broken, cracked or loosened	30 cycles
5. Vibration	No part should be broken, cracked or loosened	Frequency: 10~55Hz and full amplitude 1.50mm in 3 directions for 2 hours, respectively
6. Shock	No part should be broken, cracked or loosened	Acceleration: 490m/S2, duration: 11ms, sine half-wave: in 3 directions for 3 times, respectively
7. Moisture Resistance in Steady State	Insulation resistance: 50MΩ min.	Exposed to temperature 40℃ and humidity 90～95% for 96 hours
8. Temperature Cycle	No part should be broken, cracked or loosened	5 cycles under conditions as follows; Temperature: -55℃→+15～+35→+85→+5～+35℃ Time: 30→5 max.→ 30→5 max. for 5 minutes

Note 1. Temperature rise included when energized
Note 2. This storage indicates a long-term storage state for the unused product before board mounted.
The operating temperature and humidity ranges are applied to the non-energized state after the connector has been installed in the board.
Note 3. The above standards represent this series. The individual formal agreement should be based on the "Specification".

■Material

Part	Material	Finish	Remarks
Insulator	PBT	Black	UL94V-0
Contact	Phosphor bronze	Tin plating	————

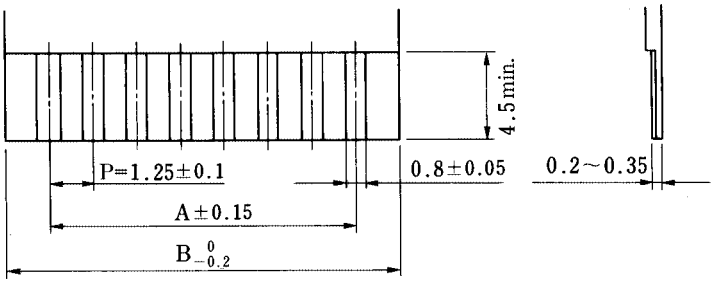
■Ordering Information

Please determine the specific product. If needed, please select and order the product from the product No. as listed on catalog page D8 and D9.

FH 3 - 17 S 1.25 DS (01)
q w e r t y u

q Series Name : FH	**t** Contacts Pitch : 1.25mm
w Series No. : 3	**y** Contact Style : DS : Right angle type DSA : Straight type
e Number of Contacts : 4, 6, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 24, 30	**u** (01): Tube
r Contact alignment : Single	

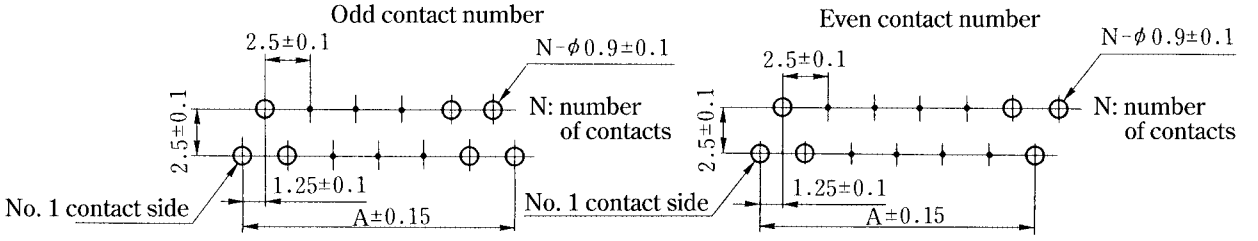
■FPC · FFC Dimensions



Unit: mm

Size \ Number of Contacts	4	6	8	10	12	13	14	15	16	17	18	20	22	24	30
A	3.75	6.25	8.75	11.25	13.75	15	16.25	17.5	18.75	20	21.25	23.75	26.25	28.75	36.25
B	6.25	8.75	11.25	13.75	16.25	17.5	18.75	20	21.25	22.5	23.75	26.25	28.75	31.25	38.75

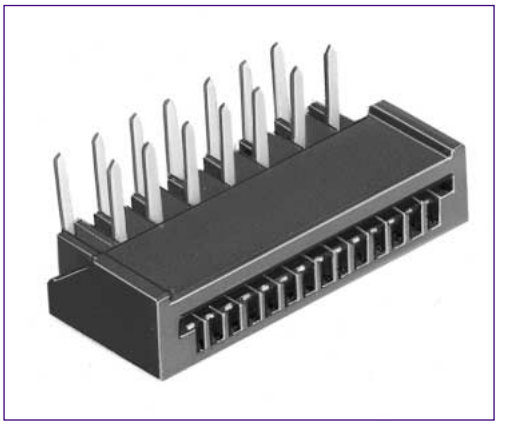
◆PCB Footprints

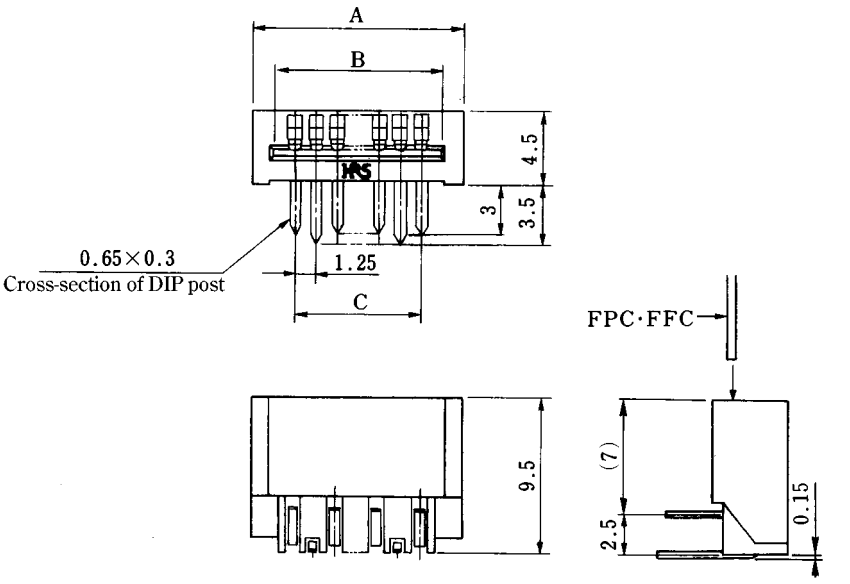


Unit: mm

Size \ Number of Contacts	4	6	8	10	12	13	14	15	16	17	18	20	22	24	30
A	2.5	5	7.5	10	12.5	15	15	17.5	17.5	20	20	22.5	25	27.5	35

■Right Angle Type

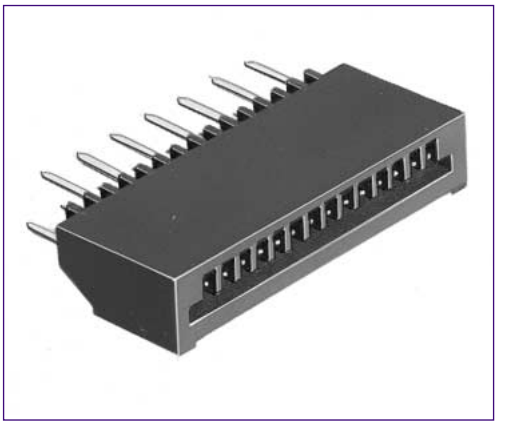


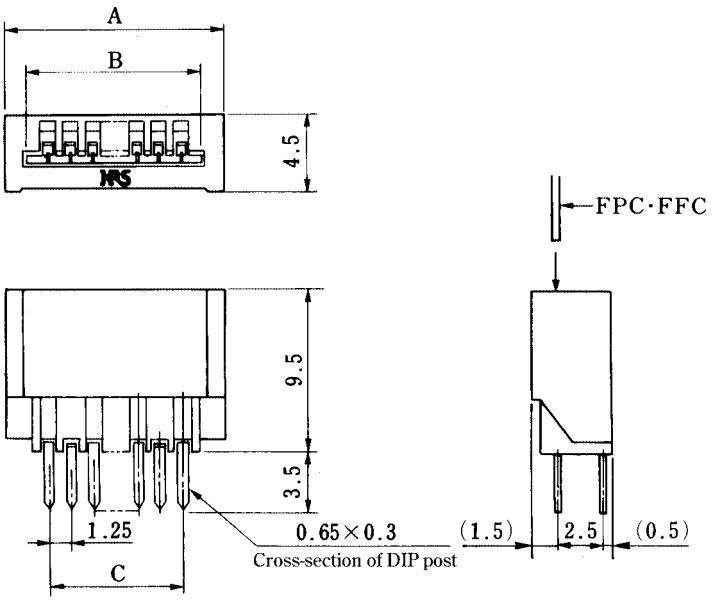


Unit:mm

Product No.	HRS No.	Number of Contacts	A	B	C	Tube Case Packed Quantity
FH3- 4S-1.25DS(01)	CL586-0038-0-01	4	8.70	6.27	3.75	55
FH3- 6S-1.25DS(01)	CL586-0065-3-01	6	11.20	8.77	6.25	42
FH3- 8S-1.25DS(01)	CL586-0039-3-01	8	13.70	11.27	8.75	35
FH3-10S-1.25DS(01)	CL586-0057-5-01	10	16.20	13.77	11.25	29
FH3-12S-1.25DS(01)	CL586-0058-8-01	12	18.70	16.27	13.75	25
FH3-13S-1.25DS(01)	CL586-0040-2-01	13	19.95	17.52	15.00	24
FH3-14S-1.25DS(01)	CL586-0041-5-01	14	21.20	18.77	16.25	22
FH3-15S-1.25DS(01)	CL586-0078-5-01	15	22.45	20.02	17.50	21
FH3-16S-1.25DS(01)	CL586-0047-1-01	16	23.70	21.27	18.75	20
FH3-18S-1.25DS(01)	CL586-0081-0-01	18	26.20	23.77	21.25	17
FH3-20S-1.25DS(01)	CL586-0048-4-01	20	28.70	26.27	23.75	16
FH3-22S-1.25DS(01)	CL586-0049-7-01	22	31.20	28.77	26.25	15
FH3-24S-1.25DS(01)	CL586-0060-0-01	24	33.70	31.27	28.75	14
FH3-30S-1.25DS(01)	CL586-0050-6-01	30	41.20	38.77	36.25	11

■Straight Type





Unit:mm

Product No.	HRS No.	Number of Contacts	A	B	C	Tube Case Packed Quantity
FH3- 4S-1.25DSA(01)	CL586-0043-0-01	4	8.70	6.27	3.75	55
FH3- 6S-1.25DSA(01)	CL586-0069-4-01	6	11.20	8.77	6.25	42
FH3- 8S-1.25DSA(01)	CL586-0044-3-01	8	13.70	11.27	8.75	35
FH3-10S-1.25DSA(01)	CL586-0061-2-01	10	16.20	13.77	11.25	29
FH3-12S-1.25DSA(01)	CL586-0062-5-01	12	18.70	16.27	13.75	25
FH3-13S-1.25DSA(01)	CL586-0052-1-01	13	19.95	17.52	15.00	24
FH3-14S-1.25DSA(01)	CL586-0045-6-01	14	21.20	18.77	16.25	22
FH3-16S-1.25DSA(01)	CL586-0053-4-01	16	23.70	21.27	18.75	20
FH3-17S-1.25DSA(01)	CL586-0063-8-01	17	24.95	22.52	20.00	19
FH3-18S-1.25DSA(01)	CL586-0080-7-01	18	26.20	23.77	21.25	17
FH3-20S-1.25DSA(01)	CL586-0054-7-01	20	28.70	26.27	23.75	16
FH3-22S-1.25DSA(01)	CL586-0055-0-01	22	31.20	28.77	26.25	15
FH3-24S-1.25DSA(01)	CL586-0064-0-01	24	33.70	31.27	28.75	14
FH3-30S-1.25DSA(01)	CL586-0056-2-01	30	41.20	38.77	36.25	11